EIZO L797

19" LCD Display

This 19" display provides both the performance and features required by professionals working with all types of image processing tasks from computer-aided design to desktop publishing. Its sophisticated image and colour control functions allow highly detailed adjustments for achieving precise colour rendering.

- 1280 x 1024 native resolution
- 280 cd/m² brightness and 450:1 contrast ratio
- Digital and analogue support with DVI-I input terminals
- SlimEdge design with extremely narrow bezel

5 YEARS WARRANTY

EIZO L797

Liability for errors - 01/05
Specifications subject to change without notice

Features

SlimEdge; Smart and Space-Saving Design
A modern LCD display with an extremely narrow bezel, measuring only 19mm. In addition power and signal interfaces are optimally integrated into the display itself.

Outstanding Image Quality
With a resolution of 1280 x 1024, a contrast ratio of 450:1 and a brightness of 280 cd/m², this gives first class image quality with clear graphics and structure, as well as sharp text outlines. The slim LCD screen fits anywhere, and EIZO even provides a flexible stand, which allows users to sit in any position and still have a perfect view with an even contrast of colour and grey tones.

Precise Colour Control
10 bit gamma correction automatically takes 8 bit input signals (256 tones for each primary colour) from the graphics board and uses a 10 bit Look-Up-Table (1,021 tones) to produce smoother, more accurate gradations of colour. Gamma values are also user-adjustable from 1.4 to 3.0 in 0.2 increments. In addition users can independently adjust hue and saturation for both RGB and CMYK colours.

Fine Contrast Mode Selection
There are six different Fine Contrast modes – Text, Picture, Movie, External, Custom and sRGB. A touch button allows users to select between these six modes and choose ideal viewing conditions for video clips (Movie), graphics (Picture), standard office applications (Text), and internet (sRGB) – or the Custom mode for user selected attributes. The ScreenManager Pro® software allows the user to assign a fine contrast mode to a specific application and whenever the application is used the screen automatically switches to the assigned mode.

Digital and Analogue Ports
Two DVI-I ports allow for the connection of two computers simultaneously, whether they are both digital connections, both analogue connections or mixed, the recognition takes place automatically regardless.

Automatic Picture Adjustment
The screen has an automatic picture adjustment, which quickly and easily centres the picture on screen. At the same time the preferential brightness level is also automatically adjusted and kept constant.

USB Ports
There are two downstream and one upstream connections available, so both keyboard and mouse can be attached directly to the screen whilst on the desk.

ScreenAdministrator
EIZO's 'ScreenAdministrator' software can be accessed via the USB connector. ScreenAdministrator is an optional software package for asset management and remote control over the network.

Certifications

Specifications

Panel Type	48 cm (19") TFT Colour LCD Panel
Available Cabinet Colour	Grey or Black
Active Display Size (H x V)	376 mm x 301 mm
Viewable Image Size	481 mm (diagonal)
Native Resolution	1280 x 1024
Pixel Pitch	0.294 mm x 0.294 mm
Display Colours	16.77 million from a palette of 1.06 billion
Brightness	280 cd/m²
Contrast Ratio	450:1
Viewing Angles (H, V)	170°; 170° (at contrast ratio 10:1)
Typ. Reaction Time, rise/fall	10/10 ms, Black-White-Change
Features	Automatic image scaling and position, On-Screen Display, PowerManager through VESA DPMS, Plug & Play through VESA DDC2B, integrated mains adaptor
Adjustment Functions	Brightness, Gamma, Contrast, Range Adjustment (RGB), Temperature, Clock, Phase, Position, Resolution, Off Timer, OSD Languages (German, English, French, Swedish, Spanish, Italian), Interpolation, Image Smoothing
Resolution	1280 x 1024, actual size 1:1, 1024 x 768, 800 x 600, 720 x 400 640 x 480, increase on actual size or 1:1
Horizontal Frequency	30 – 82 kHz (Digital: 30 – 65 kHz)
Vertical Frequency	49 – 86 Hz (Digital: 59 - 61 Hz)
Dot Clock	135 MHz (Digital: 108 MHz)
Input Signals	RGB Analogue, DVI (TMDS)
Input Terminals	DVI-I 29 pin x 2 (switchable)
Plug & Play	VESA DDC 2B
Power Management	VESA DPMS, DVI-DMPM
Power	max. 54 W Power Consumption, Less than 2 W in Power Save Mode
Dimensions (WxHxD)	414 mm x 409.5 mm – 509.5 x 202.7 mm, 414 mm x 340 x 64 mm (without stand)
Weight	8.1 kg (with stand), 5.8 kg (without stand)
Tilt / Swivel / Pivot	40° up, 1° down / 35° right, 35° left / 90°
Height Adjustment Range	100 mm
Certifications	CE, TÜV GS, TÜV Ergonomics (including ISO 13406-2), TCO'03 (grey), TCO'99 (black), EIZO ECO Products 2004
USB Ports	1 upstream, 2 downstream, Rev. 2.0
Supplied Accessories	Manual in German, English and French, ScreenManager on CD-ROM, AC power cord, USB and signal cables (DVI-I - D-Sub and DVI-D - DVI-D), ICC-Profile
Warranty	5 Years

Note: With current LCD technology, a panel may contain a limited number of missing or flickering pixels

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